User Input

Age

40

20   80

Sex

Male   ⌄

Chest Pain Type (CP)

1

0   3

Resting Blood Pressure (mm Hg)

120

90   200

Serum Cholesterol (mg/dl)

200

100   600

Heart Disease Prediction

Dataset Preview:

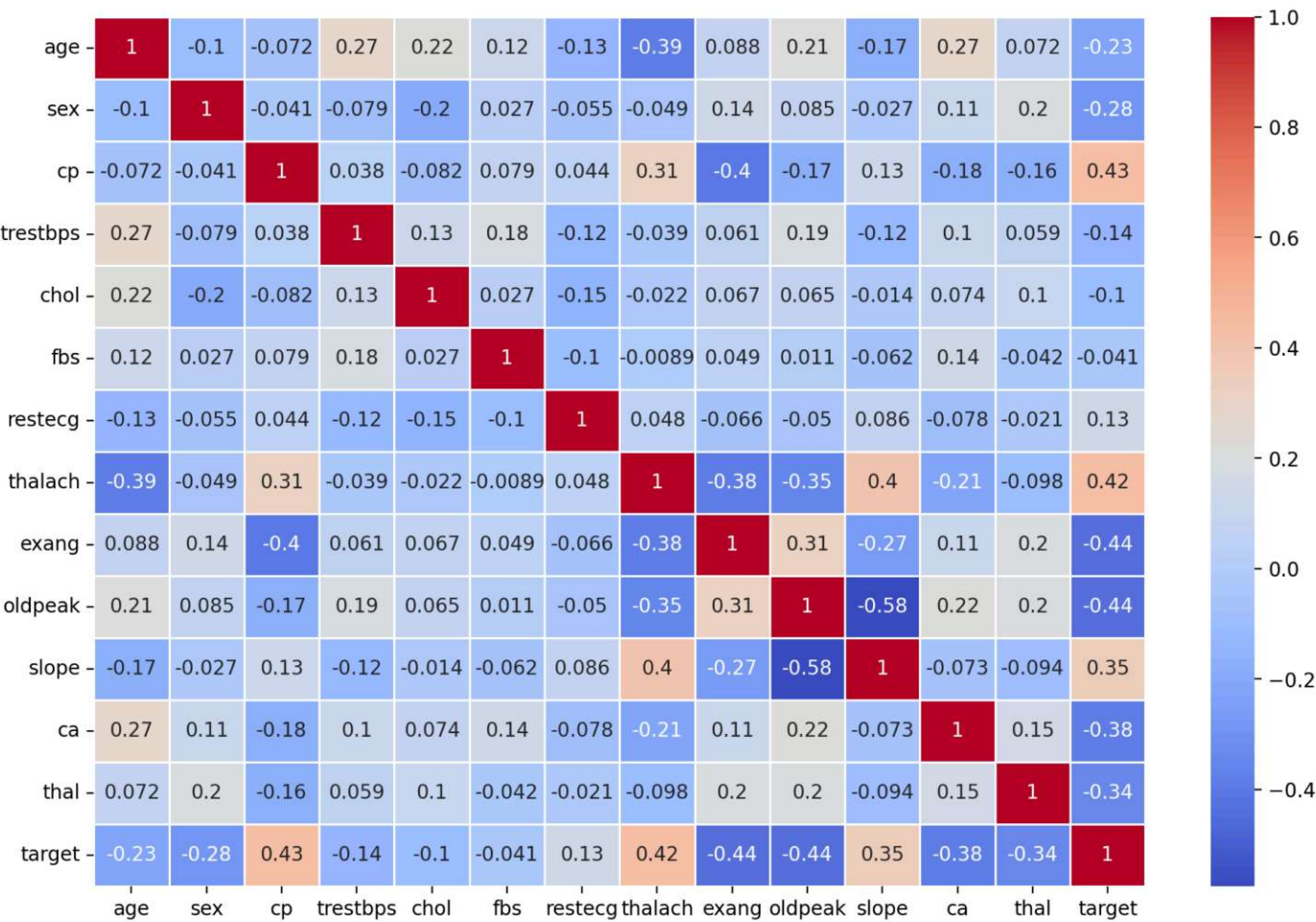|	age	sex	cp	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	slope	ca
0	52	1	0	125	212	0	1	168	0	1	2	
1	53	1	0	140	203	1	0	155	1	3.1	0	
2	70	1	0	145	174	0	1	125	1	2.6	0	
3	61	1	0	148	203	0	1	161	0	0	2	
4	62	0	0	138	294	1	1	106	0	1.9	1	

Data Cleaning and Preprocessing:

No missing values found in the dataset.

Model Training and Evaluation:

Logistic Regression Accuracy: `0.7951219512195122`

Decision Tree Accuracy: `0.9853658536585366`

Correlation Matrix

Data Visualizations

Age Distribution | Sex Distribution | Target Distribution